

01.25 — 01.27.2027

成功大學建築系所
NCKU Architecture
中英雙語教學
Bi-lingual Instruction

建築探索工作坊
Architecture Discovery Studio


Thinking
思考
Designing
設計
Making
製作

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Art
藝術
Architecture
建築
Artificial
Intelligence
人工智慧

01 課程概覽 Program Overview

This bi-lingual (English and Mandarin) winter program aims to enable high school students from Taiwan and abroad to explore both the joy and challenge of studying architecture. The program provides an opportunity for enrolled students to unleash their creative potential through the integrated experience between art, design and architecture.

Explore how to Think, Design and Make through Architecture

During the three-day intense winter program, students will learn to see the significance of architecture by participating in lectures offered by professors from the Department of Architecture, Mathematics and Education, and explore the fun of design making by transforming a concept into three-dimensional spaces through both hand tools and AI used by architects. Students will also experience architecture through guided tour to RACCOON Lab.

Students will be tutored by studio professors and teaching assistants to develop their individual design projects. Periodic "design reviews" are scheduled where students present their work in front of others.

The combination of studio, tutorials, lectures and field trips presents an introduction to different aspects of architecture and how it is practiced today.

建築探索雙語課程旨在讓台灣和國際的高中生一同探索學習建築的喜悅與挑戰。通過藝術、設計和建築的學習整合體驗來展現學生的創造力與潛力。

透過建築思考、設計和實作

在為期三天的冬季密集課程中，學生將透過參與國立成功大學建築系教授所提供的講座，發覺建築的文化地位，並透過手工製作和使用AI工具，將概念轉化為立體空間的設計，在實作過程中體驗設計的樂趣。學生還將透過導覽RACCOON數位製造工坊，體驗創新設計與製造技術。

學生將在教授以及一對一的助教引導下發展個人化的設計項目。定期舉辦「設計評論」，安排學生在探索學校成員面前展示他們的作品。模擬建築系實際上課情況，同時也提供一個從導師和設計專業人士獲得反饋的機會。

透過工作室、研討會、講座和實地考察的結合，課程將向學生們介紹建築的不同面向以及當今的實踐方式。


— it's an experience

02 學習活動和工作室
Learning Activities & The Studio

Expect to learn the foundations of architectural design through the following:

- One-on-one design guidance from TAs
- Intensive design projects similar to first-year architecture school work
- Group discussions and reviews with guest practicing architects and other design professionals
- Lectures on significant works of architecture
- Tutorials in drawing, model making and related skills
- Extracurricular activities
- Personal career counseling in architecture

In a school of architecture, "The Studio" is where individual students work on their projects. It is the place where concepts are developed, where ideas are discussed and exchanged among students and faculty members. The studio is also the place where "desk crits" (or discussions) happen between the student and the professor. It is an informal dialogue which occurs on a daily basis, where the majority of the instruction takes place.

預計透過以下方式學習建築設計的基礎：

- 助教提供的一對一設計指導
- 模擬一年級建築學院的密集設計專案
- 與建築師和其他設計專業人士進行的小組討論和評論
- 重要建築作品的講座
- 製圖及模型製作相關技能的培訓課程
- 參訪數位製造工坊 (RACCOON)
- 個人建築職涯輔導

在建築學院中「工作室」是學生進行專案、概念發展的地方，也是學生和教師之間進行討論和交流的場所。工作室也是建築專業者進行「設計評論」的場所，這是一種自發性的日常對話，多數的指導互動都以這樣的交流產生。



beyond expectation —

03 行事曆
Calendar (subject to revision)

Date/Time	Monday 25/01 Position	Tuesday 26/01 Composition	Wednesday 27/01 Materialization
9:00-9:30	報到 / 歡迎式 Registration / Introduction		
09:30-10:10	講堂一 《建築為何？》 黃恩宇 教授 Lecture 1 WHY ARCHITECTURE? Prof. En-Yu HUANG	講堂三 《建築師為何製造？》 沈揚庭 教授 Lecture 3 WHY ARCHITECTS MAKE? Prof. Yang-Ting SHEN	講堂五 《機器人做什麼？》 顏嘉慶 教授 Lecture 5 WHAT CAN ROBOTS DO? Prof. Jia-Ching YEN
10:10-10:20	休息 BREAK	休息 BREAK	休息 BREAK
10:30-12:30	小練習一 Tutorial 1	小練習二 Tutorial 2	小練習三 Tutorial 3
12:30-13:30	午餐 Lunch	午餐 Lunch	午餐 Lunch
13:30-14:10	講堂二 《設計為何？》 許家茵 教授 Lecture 2 WHY DESIGN? Prof. Chia-Yin HSU	講堂四 《建築為何倒塌？》 姜毓洲 教授 Lecture 4 WHY BUILDING FALL DOWN? Prof. Yu-Chou CHIANG	講堂六 《從家屋到城市》 薛丞倫 教授 Lecture 6 FROM HOUSE TO THE CITY Prof. Cheng-Luen HSUEH
14:10-14:20	休息 BREAK	休息 BREAK	休息 BREAK
14:20:-17:00	設計一 Design Exercise 1 of 3 (Discovery)	設計二 Design Exercise 2 of 3 (Transformation)	設計三 Design Exercise 3 of 3 (Presentation)
17:00-18:00	當日回顧 1 Design Review 1	當日回顧 2 Design Review 2	總評 / 結業式 Final Review / Celebration
18:00	課程結束 Dismiss		


成功大學
建築探索學院

04 師資 Faculty



ADS Leader and Instructor
NCKU Associate Professor,
Dept. of Architecture

BFA (RISD),
BArch (RISD)
MsAAD (Columbia)

黃聖鈞 Patrick HWANG



ADS Guest Speaker

Director Dept. of
Architecture

黃恩宇 En-Yu HWANG



ADS Guest Speaker

PhD (NCKU)
MS (Georgia Tech)
MS (NCKU)

沈揚庭 Yang-Ting SHEN



ADS Guest Speaker

MS (Columbia)

薛丞倫 Cheng-Luen HSUEH



ADS Guest Speaker

PhD (TU Delft)
MS (NTU)

姜毓洲 Yu-Chou CHIANG



ADS Guest Speaker

MS (U of Michigan)

顏嘉慶 Jia-Ching YEN



ADS Guest Speaker

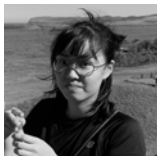
MArch (NCTU),
MA (Royal Danish Academy)

許家茵 Chia-Yin HSU



Teaching Assistant
MArch (NCKU)
BArch (NCKU)

郭湘翎 Hsiang-Ling KUO



Teaching Assistant
BArch (NCKU)

陳執雨 Chloe CHEN



ADS Instructor

MArch (Harvard)

鄭偉達 Wai-Tat CHENG



Teaching Assistant
BArch (NCKU)

林虹廷 Hong-Ting LIN



Teaching Assistant
BArch (NCKU)

謝綵恩 Tsai-En HSIEH



ADS Instructor
ADS Coordinator

MArch (NCTU)

李思敏 Si-Min LEE



Teaching Assistant
BArch (NCKU)

林倍辰 Bei-Chen LIN



Teaching Assistant
BArch (NCKU)

黃靖雅 Jing-Ya HUANG



Teaching Assistant
BArch (NCKU)

林子虹 Jennifer LIN



Teaching Assistant
BArch (NCKU)

李芳 Leah LEE



05 校園與住宿 Campus & Housing

NCKU Campus
Access to the Department of Architecture and various dining and recreational facilities is within easy walking distance.

During the Architecture Discovery at NCKU, most daily services can be found in the campus area, such as restaurants, cafés, ATMs, stationaries, etc.

NO Accommodation Provided
Accommodation is not available on the campus. Students should arrange on their own.

成功大學校園環境
在成功大學的建築探索學校期間，學員可以使用建築系館、各種餐飲和娛樂設施。校園區域內提供大部分的日常服務，例如餐廳、咖啡廳、自動提款機、文具店等。

無提供住宿
未提供住宿，學員需自理。


一個超出
預期的

06 申請要求
Application Requirement

Eligibility
High school students 16 years old and above.

Application
Submit application form via the LINK.

Deadline
Application deadline is December 4, 2026.

Fee
The 2027 registration fee is TWD 6,000, inclusive of lunch, a design tool kit, and studio access. The fee must be paid by bank transfer within seven days of receiving the acceptance letter. Payment details will be provided in the letter.

Fee Waiver
Students from under privileged families are highly encouraged to apply. Eligible applicants will please contact us for further information.

Refund Policy
Program withdrawal requests should be submitted to 115h0072@gs.ncku.edu.tw no later than seven days before the course commencement date, at which point partial refund will be returned following the university policy. No refunds will be provided for withdrawals made on or after the course commencement date.

申請資格
適用於年滿16歲以上的高中生。

申請表格
進入報名連結填寫相關資訊。

截止日期
申請截止日期為2026年12月04日。

報名費
2027 年報名費為新臺幣 6,000 元，包含午餐、設計工具組及工作室使用權。學生須於收到錄取通知後七日內完成報名費轉帳，相關繳費資訊將於錄取通知中提供。

學費減免
我們鼓勵經濟弱勢家庭學生積極報名。符合資格的申請者請來信資訊。

退款政策
課程退選應於課程開始日前至少七日，寄送至115h0072@gs.ncku.edu.tw。符合上述期限之退選申請，報名費將依照本校相關規定辦理部分退費。課程開始後提出退出申請者，恕不予退費。



學習體驗

07 常見問題
Frequently Asked Questions

I do not have any art or design experience. Can I still enroll?

You do not need any prior experience in or have studied art or design to participate in the Architecture Discovery Studio.

Are there any specific math or engineering skills required? Do I need to know design or architectural computer software skills?

Students who would like to enroll in the Architecture Discovery Studio are not required to have specific skills beyond basic math and computer literacy.

What should I expect at the end of the program?

The Architecture Discovery Studio culminates in a portfolio that can potentially be used to apply for an university level architecture program.

What equipment and/or materials will I need to bring?

All enrolled students in the Architecture Discovery Studio will be provided with a basic tool set and supplies. Any additional materials may be purchased at the supply store across from the university. Students will be provided with their own studio workspace which includes a table and light.

我沒有藝術或設計經驗，還可以報名嗎？
您無需具備藝術或設計相關經驗，也不需要事先學過藝術或設計，皆可參加建築探索學校的課程。

需要具備特定的數學或工程技能嗎？我需要了解設計或建築的電腦軟體技能嗎？
希望報名建築探索學校的學生並不需要具備特定的技能，只需基本的數學和電腦知識即可。

在課程結束時我可以期待什麼？
建築探索學校的結業作品將是一個作品集，有可能用於申請大學程度的建築相關課程。

我需要攜帶哪些設備或材料？
所有參加建築探索學校的學生都將獲得基本的工具套裝和材料。額外的材料可以在建築學院對面的大學供應商店購買。學生將獲得自己的工作室空間，其中包括桌子、照明以及使用電腦實驗室、圖書館等設施的權限。



08 成大建築系所
NCKU Department of Architecture

As one of the preeminent architectural programs in Southeast Asia founded in 1944, the Department of Architecture at NCKU has nurtured several generations of industry leaders specializing in design, construction and planning. Its long list of alumni have actively and directly contributed to Taiwan's built environment and societal transformation at various scales. Our pedagogical principle is premised upon the union between teaching and research, with state of the arts facilities and qualified staffs to support student learning, including interactive flexible studio space, multipurpose room and advanced audio visual studios and more. The department is built around clusters of innovative research centers each headed by disciplinary leaders including structural engineering, environmental simulation, architectural acoustics, advanced robotic research and design methods laboratories.

國立成功大學建築系為本校創建最早的系所之一，亦是國內高等教育建築系中歷史最悠久者。本系享有豐沛的國家資源、八十年來作育無數英才、回饋社會責無旁貸，不只持續為國內建築產業與居住環境尋找永續發展之徑，更致力於邁向國際鏈結，接軌全球化的趨勢發展。爰此，我們的教學宗旨支持教學與研究並進，享有多樣專業的設施和有各領域的師資去進行教學活動，本系設有共享的工作室、多用途教室和先進影音設備教室等。建築系館環繞在多個不同領域的先鋒研究室之中，包括結構工程、環境控制、建築音響、機器手臂應用研究和設計方法的研究室。

09 聯絡資訊 Contact

General Inquiry

Email: 115h0072@gs.ncku.edu.tw
DM: https://facebook.com/nckuarchstudentunion

Department of Architecture
National Cheng Kung University
Dasyue Rd, East District, Tainan City, 701
https://www.arch.ncku.edu.tw/

一般詢問

電子郵件：115h0072@gs.ncku.edu.tw

私訊：https://facebook.com/nckuarchstudentunion

國立成功大學建築學系

台南市東區大學路701

https://www.arch.ncku.edu.tw/

NCKU
成大
Department
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of
系所
Architecture

NCKU ARCHITECTURE
國立成功大學 建築學系